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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
09/973,068	10/10/2001	Jacques Camerini	SCHN:009	4672

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PARKHURST & WENDEL, L.L.P.  
Suite 210  
1421 Prince Street  
Alexandria, VA 22314-2805

EXAMINER

AILES, BENJAMIN A

ART UNIT PAPER NUMBER

2142

DATE MAILED: 03/11/2005

Please find below and/or attached an Office communication concerning this application or proceeding.

# Office Action Summary

Application No.

09/973,068

Applicant(s)

CAMERINI ET AL.

Examiner

Benjamin A Ailes

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-- The MAILING DATE of this communication appears on the cover sheet with the correspondence address --

## Period for Reply

A SHORTENED STATUTORY PERIOD FOR REPLY IS SET TO EXPIRE 3 MONTH(S) FROM THE MAILING DATE OF THIS COMMUNICATION.

- Extensions of time may be available under the provisions of 37 CFR 1.136(a). In no event, however, may a reply be timely filed after SIX (6) MONTHS from the mailing date of this communication.
- If the period for reply specified above is less than thirty (30) days, a reply within the statutory minimum of thirty (30) days will be considered timely.
- If NO period for reply is specified above, the maximum statutory period will apply and will expire SIX (6) MONTHS from the mailing date of this communication.
- Failure to reply within the set or extended period for reply will, by statute, cause the application to become ABANDONED (35 U.S.C. § 133). Any reply received by the Office later than three months after the mailing date of this communication, even if timely filed, may reduce any earned patent term adjustment. See 37 CFR 1.704(b).

## Status

- 1) ☒ Responsive to communication(s) filed on 10 October 2001.
- 2a) ☐ This action is **FINAL**. 2b) ☒ This action is non-final.
- 3) ☐ Since this application is in condition for allowance except for formal matters, prosecution as to the merits is closed in accordance with the practice under *Ex parte Quayle*, 1935 C.D. 11, 453 O.G. 213.

## Disposition of Claims

- 4) ☒ Claim(s) 1-13 is/are pending in the application.
- 4a) Of the above claim(s) \_\_\_\_\_ is/are withdrawn from consideration.
- 5) ☐ Claim(s) \_\_\_\_\_ is/are allowed.
- 6) ☒ Claim(s) 1-13 is/are rejected.
- 7) ☒ Claim(s) 1 is/are objected to.
- 8) ☐ Claim(s) \_\_\_\_\_ are subject to restriction and/or election requirement.

## Application Papers

- 9) ☒ The specification is objected to by the Examiner.
- 10) ☒ The drawing(s) filed on 10 October 2001 is/are: a) ☒ accepted or b) ☐ objected to by the Examiner.  
Applicant may not request that any objection to the drawing(s) be held in abeyance. See 37 CFR 1.85(a).  
Replacement drawing sheet(s) including the correction is required if the drawing(s) is objected to. See 37 CFR 1.121(d).
- 11) ☐ The oath or declaration is objected to by the Examiner. Note the attached Office Action or form PTO-152.

## Priority under 35 U.S.C. § 119

- 12) ☒ Acknowledgment is made of a claim for foreign priority under 35 U.S.C. § 119(a)-(d) or (f).
- a) ☒ All b) ☐ Some \* c) ☐ None of:
1. ☒ Certified copies of the priority documents have been received.
2. ☐ Certified copies of the priority documents have been received in Application No. \_\_\_\_\_.
3. ☐ Copies of the certified copies of the priority documents have been received in this National Stage application from the International Bureau (PCT Rule 17.2(a)).
- \* See the attached detailed Office action for a list of the certified copies not received.

## Attachment(s)

- 1) ☒ Notice of References Cited (PTO-892)
- 2) ☐ Notice of Draftsperson's Patent Drawing Review (PTO-948)
- 3) ☒ Information Disclosure Statement(s) (PTO-1449 or PTO/SB/08)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 4) ☐ Interview Summary (PTO-413)  
Paper No(s)/Mail Date \_\_\_\_\_.
- 5) ☐ Notice of Informal Patent Application (PTO-152)
- 6) ☐ Other: \_\_\_\_\_.

### **DETAILED ACTION**

1. Claims 1-13 have been examined.

#### ***Priority***

2. The papers required in order to receive an earlier effective filing date have been received. The effective filing date for the subject matter defined in the pending claims in this application is 12 October 2000.

#### ***Specification***

3. The abstract of the disclosure is objected to because on line 19, the words "Figure 1" is not necessary. Correction is required. See MPEP § 608.01(b).
4. Applicant is reminded of the proper language and format for an abstract of the disclosure.

The abstract should be in narrative form and generally limited to a single paragraph on a separate sheet within the range of 50 to 150 words. It is important that the abstract not exceed 150 words in length since the space provided for the abstract on the computer tape used by the printer is limited. The form and legal phraseology often used in patent claims, such as "means" and "said," should be avoided. The abstract should describe the disclosure sufficiently to assist readers in deciding whether there is a need for consulting the full patent text for details.

The language should be clear and concise and should not repeat information given in the title. It should avoid using phrases which can be implied, such as, "The disclosure concerns," "The disclosure defined by this invention," "The disclosure describes," etc.

***Claim Objections***

5. Claim 1 is objected to because of the following informalities: A claim should consist of only one sentence. The use of a period should only be used at the end of a claim. Currently in claim 1 there are 3 sentences. Appropriate correction is required.

***Claim Rejections - 35 USC § 102***

6. The following is a quotation of the appropriate paragraphs of 35 U.S.C. 102 that form the basis for the rejections under this section made in this Office action:

A person shall be entitled to a patent unless –

(e) the invention was described in (1) an application for patent, published under section 122(b), by another filed in the United States before the invention by the applicant for patent or (2) a patent granted on an application for patent by another filed in the United States before the invention by the applicant for patent, except that an international application filed under the treaty defined in section 351(a) shall have the effects for purposes of this subsection of an application filed in the United States only if the international application designated the United States and was published under Article 21(2) of such treaty in the English language.

7. Claims 1-13 are rejected under 35 U.S.C. 102(e) as being unpatentable by Synnestvedt et al. (U.S. 6,598,057), hereinafter referred to as Synnestvedt et al.

8. Regarding claim 1, Synnestvedt et al. disclose a Configuration method for an automation module on a TCP/IP network to which at least one item of automation equipment is also connected, characterized in that the configuration method comprises the following steps in sequence:

- A preliminary step in which an application name is assigned, this application name being unique on the TCP/IP network for the automation module (col. 2, lines 47-51 and col. 4, lines 60-63).
- An addressing step in which the automation module sends a request address query on the TCP/IP network, containing the application name of the automation

module and conform with the DHCP protocol (col. 3, lines 43-48, col. 4, lines 5-8, and col. 5, lines 36-41).

- A configuration step in which the automation module sends a read configuration query conform with the FTP or TFTP protocol, on the TCP/IP network, to an FTP/TFTP server (col. 3, lines 40-53, specifically lines 44-48).

9. Regarding claim 2, in accordance with claim 1, Synnestvedt et al. disclose a configuration step in which the automation module sends a read configuration query conform with the FTP or TFTP protocol, on the TCP/IP network, to an FTP/TFTP server (col. 3, lines 62-67).

10. Regarding claim 3, in accordance with claim 1, Synnestvedt et al. disclose a configuration method characterized by the fact that the DHCP server is installed in automation equipment connected to the TCP/IP network (col. 3, lines 62-67).

11. Regarding claim 4, in accordance with claim 1, Synnestvedt et al. disclose a configuration method characterized by the fact that during the addressing step, the automation module receives a response to the request address query from the DHCP server, containing an IP addressing and a location of a data file specific to the automation module, making it possible to go on to configuration step (col. 4, lines 5-8, col. 5, lines 28-32, and col. 6, lines 20-24).

12. Regarding claim 5, in accordance with claim 4, Synnestvedt et al. disclose a configuration method characterized by the fact that the read configuration query uses the location of the data file for the automation module (col. 3, lines 44-48 and col. 4, lines 60-63).

13. Regarding claim 6, in accordance with claim 5, Synnestvedt et al. disclose a configuration method characterized by the fact that during the configuration step, the automation module receives a response to the read configuration query from the FTP/TFTP server, containing the data file for the automation module, such that the automation module can then change to an operational state (col. 4, lines 5-8, col. 5, lines 28-32, and col. 8, lines 19-22).

14. Regarding claim 7, in accordance with claim 6, Synnestvedt et al. disclose a configuration method characterized by the fact that the data file of an automation module is identified using the application name of the automation module (col. 4, lines 60-62).

15. Regarding claim 8, in accordance with claim 6, Synnestvedt et al. disclose a configuration method characterized by the fact that when an automation module is in the operational state, it can send a write configuration query on its own initiative to the FTP/TFTP server to update or save all or some of its data file (col. 3, lines 46-53, col. 4, lines 21-26, and col. 5, lines 22-26).

16. Regarding claim 9, in accordance with claim 6, Synnestvedt et al. disclose a configuration method characterized by the fact that when an automation module is in the operational state, it can send a read configuration query on its own initiative to the FTP/TFTP server to check or reload all or some of its data file (col. 5, lines 22-26).

17. Regarding claim 10, in accordance with claim 1, Synnestvedt et al. disclose an automation assembly capable of implementing a method of configuring an automation module, the automation assembly comprising at least one automation module

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connected to a TCP/IP network and equipped with a processing unit which is connected to storage means and to a network communication interface, characterized by the fact that the automation module is capable of memorizing an application name specific to the automation module in its storage means, and can execute a DHCP client and an FTP/TFTP agent in its processing unit (col. 3, lines 41-44 and col. 3, line 54 – col. 4, line 8).

18. Regarding claim 11, in accordance with claim 10, Synnestvedt et al. disclose an automation assembly, comprising first automation equipment that is connected to the TCP/IP network and that is equipped with a processing unit connected to storage means and to a network communication interface characterized by the fact that the first automation equipment can execute a DHCP server in its processing unit and can memorize a configuration table in its storage means, associating the application name of at least one DHCP client with an IP addressing and a location of a data file (col. 3, lines 41-44, col. 3, line 54 – col. 4, line 8, col. 4, lines 61-63, and col. 6, lines 20-24).

19. Regarding claim 12, in accordance with claim 11, Synnestvedt et al. disclose the automation assembly comprising a second automation equipment that is connected to the TCP/IP network and that is provided with a processing unit connected to storage means and to a network communication interface, characterized by the fact that the second automation equipment can execute an FTP/TFTP server in its processing unit and can memorize a data file corresponding to at least one FTP/TFTP agent in its storage means (col. 3, lines 41-44, col. 3, line 54 – col. 4, line 8, col. 4, lines 61-63, and col. 6, lines 20-24).

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20. Regarding claim 13, in accordance with claim 11, Synnestvedt et al. disclose the automation assembly characterized by the fact that the first automation equipment can execute an FTP/TFTP server in its processing unit and can memorize a data file (46) corresponding to at least one FTP/TFTP agent in its storage means (col. 3, lines 40-53).

### ***Conclusion***

21. The prior art made of record and not relied upon is considered pertinent to applicant's disclosure.

Li et al. (U.S. 6,012,088) disclose automatic configuration for Internet access device.

Euget et al. (U.S. 6,684,243) disclose a method for assigning a dual IP address to a workstation attached on an IP data transmission network.

Brewer et al. (U.S. 5,918,016) disclose a system with program for automating protocol assignments when newly connected to varying computer network configurations.

Beser (U.S. 6,049,826) discloses a method and system for cable modem initialization using dynamic servers.

Falcon et al. (U.S. 6,295,556) disclose a method and system for configuring computers to connect to networks using network connections objects.

Stone (U.S. 5,784,555) discloses an automation and dial-time checking of system configuration for Internet.

Bahlmann et al. (U.S. 6,170,008) disclose an on-the-fly trivial file transfer protocol.



Krishnamurthy et al. (U.S. 6,389,464) disclose a device management system for managing network elements.

Frailong et al. (U.S. 6,012,100) disclose a system and method of configuring a remotely managed secure network interface.

Knoblock et al. (U.S. 6,169,987) disclose a system and method to automate equipment placement at remote sites.

Vuong et al. (U.S. 6,430,578) disclose a name service for network management architecture.

Philyaw (U.S. 6,725,260) discloses a method and apparatus for configuring configurable equipment with configuration information received from a remote location.

Any inquiry concerning this communication or earlier communications from the examiner should be directed to Benjamin A. Ailes, whose telephone number is (571)272-3899. The examiner can normally be reached on Monday-Friday (7:30-5).

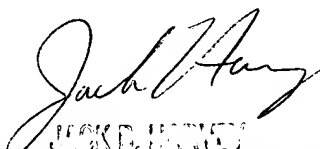
If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Jack Harvey can be reached at (571)272-3896. The fax phone number for the organization where this application or proceeding is assigned is (703)872-3906.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free).

Communications via Internet e-mail regarding this application, other than those under 35 U.S.C. 132 or which otherwise require a signature, may be used by the applicant and should be addressed to [benjamin.ailles@uspto.gov].

All Internet e-mail communications will be made of record in the application file. PTO employees do not engage in Internet communications where there exists a possibility that sensitive information could be identified or exchanged unless the record includes a properly signed express waiver of the confidentiality requirements of 35 U.S.C. 122. This is more clearly set forth in the Interim Internet Usage Policy published in the Official Gazette of the Patent and Trademark on February 25, 1997 at 1195 OG 89.

Benjamin Ailes  
Patent Examiner  
Art Unit 2142



JACK H. HAYS  
SUPERVISOR, PATENT EXAMINERS